

CLAIMS

What is claimed is:

- 5 1. A gate drive device for a display, the open sequences for a plurality of scan lines in a panel being changed so that open sequences of the plurality of scan lines between the two adjacent gate drivers being the same,
- 10 the drive device comprising:
a display panel being divided into a plurality of division panels;
a plurality of gate drivers being the gate drivers of the plurality of division
- 15 panels;
a plurality of control circuits for connecting the data drivers and the gate drivers of the plurality of division panels;
and
- 20 a timing control register connected to the plurality of control circuits by a plurality of control lines;
wherein the timing control register is used for controlling the open timings of the scan
- 25 lines of the plurality of division panels.

2. The gate drive device of claim 1, wherein
the open timings of the scan lines in the
joining portions of the plurality of
upper-lower adjacent division panels are the
5 same.
3. The gate drive device of claim 1,
wherein the open timings of the scan lines
of the plurality of left-right adjacent
division panels are the same.
- 10 4. The gate drive device of claim 1,
wherein the timing control register is used
for temporarily storing the image starting
signals of the display panel.
5. The gate drive device of claim 1,
15 wherein the gate drivers are connected to
the plurality of scan lines of the display
panel for controlling.